

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1541	417/415	US-PGPUB; USPAT	OR	ON	2008/01/03 10:47
S2	9	"6217287"	US-PGPUB; USPAT	OR	ON	2008/01/03 11:48
S3	7	("20030049136"   "20040241013"   "4479419"   "5951261"   "6217287"   "6619926"   "6953324").PN. OR ("7100743").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 11:50
S4	83	("1556912"   "1557222"   "1565819"   "1814154"   "1867198"   "1946559"   "2035096"   "2528764"   "2561786"   "2592237"   "2612839"   "2780334"   "2873003"   "2892360"   "2943782"   "3010339"   "3022741"   "3174436"   "3180178"   "3259307"   "3360952"   "3417628"   "3470823"   "3522998"   "3545220"   "3701350"   "3738230"   "3985473"   "4031778"   "4143995"   "4236874"   "4245966"   "4479419"   "4494447"   "4682532"   "4756202"   "4830589"   "5190263"   "5199857"   "5281110"   "5366355"   "5577390").PN. OR ("5951261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 11:52
S5	2	("5971724").URPN.	USPAT	OR	ON	2008/01/03 12:20
S6	679	417/902	USPAT	OR	ON	2008/01/03 12:29
S7	69	("0583962"   "1427205"   "1764465"   "2130349"   "2178425"   "2246273"   "2583583"   "2669384"   "2905510"   "2926972"   "3049285"   "3194490"   "3253776"   "3334808"   "3403846"   "3499600"   "3674382"   "3692435"   "3767013"   "3781138"   "3804202"   "3848702"   "4174927"   "4236879"   "4403927"   "4406594"   "4568256"   "4575320"   "4607503"   "4702682"   "4704076"   "4717316"   "4724928"   "4762477"   "5007808"   "5022146"   "5087170"   "5445504"   "5533875"   "5551852"   "5586876"   "5660539"   "5716202"   "5795140"   "5865607"   "5884727"   "5947709"   "6012911"   "6012922"   "6171076"   "6312233"   "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31

S8	69	("0583962"   "1427205"   "1764465"   "2130349"   "2178425"   "2246273"   "2583583"   "2669384"   "2905510"   "2926972"   "3049285"   "3194490"   "3253776"   "3334808"   "3403846"   "3499600"   "3674382"   "3692435"   "3767013"   "3781138"   "3804202"   "3848702"   "4174927"   "4236879"   "4403927"   "4406594"   "4568256"   "4575320"   "4607503"   "4702682"   "4704076"   "4717316"   "4724928"   "4762477"   "5007808"   "5022146"   "5087170"   "5445504"   "5533875"   "5551852"   "5586876"   "5660539"   "5716202"   "5795140"   "5865607"   "5884727"   "5947709"   "6012911"   "6012922"   "6171076"   "6312233"   "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31
S9	69	("0583962"   "1427205"   "1764465"   "2130349"   "2178425"   "2246273"   "2583583"   "2669384"   "2905510"   "2926972"   "3049285"   "3194490"   "3253776"   "3334808"   "3403846"   "3499600"   "3674382"   "3692435"   "3767013"   "3781138"   "3804202"   "3848702"   "4174927"   "4236879"   "4403927"   "4406594"   "4568256"   "4575320"   "4607503"   "4702682"   "4704076"   "4717316"   "4724928"   "4762477"   "5007808"   "5022146"   "5087170"   "5445504"   "5533875"   "5551852"   "5586876"   "5660539"   "5716202"   "5795140"   "5865607"   "5884727"   "5947709"   "6012911"   "6012922"   "6171076"   "6312233"   "6631617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:31
S10	10	("3049285"   "3674382"   "3767013"   "3848702").PN. OR ("5884727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:34
S11	18	("3848702").URPN.	USPAT	OR	ON	2008/01/03 12:39
S12	23	("1321478"   "2021633"   "2397124"   "2510549"   "2598476"   "3188054"   "3238000"   "3630316"   "3848702"   "4178135"   "4553857"   "5209650"   "5415476"   "5593297"   "5700092"   "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 12:42
S13	337	184/6.18	US-PGPUB; USPAT	OR	ON	2008/01/03 14:12
S14	277	184/6.28	US-PGPUB; USPAT	OR	ON	2008/01/03 14:27
S15	25	184/7.1	US-PGPUB; USPAT	OR	ON	2008/01/03 14:28
S16	7	"1321478"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:54
S17	2	"2021633"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:55
S18	11	"2397124"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:55
S19	8	"2510549"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:56

S20	4	"2598476"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:57
S21	16	"3188054"	US-PGPUB; USPAT	OR	ON	2008/01/03 14:59
S22	11	"3238000"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:01
S23	4	"3630316"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:02
S24	19	"3848702"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:03
S25	31	"4178135"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:05
S26	4	"4553857"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:06
S27	33	"5209650"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:07
S28	13	"5415476"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:08
S29	6	"5593297"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:09
S30	6	"5700092"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:12
S31	8	"5795140"	US-PGPUB; USPAT	OR	ON	2008/01/03 15:12
S32	677	vertical same shaft same lubrication	US-PGPUB; USPAT	OR	ON	2008/01/03 16:22
S33	874	vertical same shaft same lubrication	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 16:22
S34	10	S33 same (helix or helical) same groove\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/01/03 16:23
S35	3	("5842420").URPN.	USPAT	OR	ON	2008/01/03 16:39
S36	7	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 16:39
S37	23	("1321478"   "2021633"   "2397124"   "2510549"   "2598476"   "3188054"   "3238000"   "3630316"   "3848702"   "4178135"   "4553857"   "5209650"   "5415476"   "5593297"   "5700092"   "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/12 13:50
S38	609	417/368	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:49
S39	254	S38 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:49
S40	195	S39 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 14:50

S41	939	(184/6.16,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/12 15:16
S42	0	("16andcompressorandshaft").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/06/12 15:16
S43	321	S41 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 15:16
S44	771	417/902	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 15:46
S45	506	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:15
S46	381	S45 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:15
S47	55505	reverse adj (rotation or rotating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:54
S48	551430	(refrigerant or hermetic)adj compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:54
S49	16875	(refrigerant or hermetic)adj compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:55
S50	5	S47 with S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:55
S51	70976	(reverse or opposite) adj (rotation or rotating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:59
S52	21	S51 same S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 16:59
S53	164	reverse adj groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S54	3225513	reverse adj\$2 groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02
S55	943	S49 same S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:02

S56	0	S49 same S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:03
S57	0	S53 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:03
S58	3882	S54 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:04
S59	1164	S58 and lubricati\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:11
S60	823	S59 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:12
S61	649	S60 and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:12
S62	45	S61 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:15
S63	8	"4445344"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:39
S64	33	"2225228"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:41
S65	11	"6217287"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:54
S66	3	"20040241013"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 17:59
S67	2	"20050115771"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 18:06
S68	2	"6457561"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/12 18:19
S69	42	"4236874"	US-PGPUB; USPAT	OR	ON	2008/06/13 08:43
S70	28	"4248053"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/13 08:44

S71	2	"6457561"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/06/13 10:25
S72	949	(184/6.16,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/24 17:33
S73	329	S72 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:34
S74	250	S73 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:34
S75	213	92/160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:42
S76	39	S75 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:42
S77	514	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:46
S78	343	S77 and compressor and shaft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:46
S79	275	S78 and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:46
S80	778	417/902	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:57
S81	366	S80 and lubricat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:57
S82	17	S81 and ((opposite or reverse) near2 rotat \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/24 17:58
S83	7	("4209080"   "4406590"   "4406594"   "4493226"   "5247736"   "5322419"   "5720602").PN. OR ("6684979").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/24 18:03
S84	11	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/24 18:07
S85	358	184/6.18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 08:44

S86	527	418/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/05/28 09:34
S87	26	("2738919"   "2835437"   "2935244"   "3545891"   "3664461"   "3858685"   "4086033"   "4097185"   "4209080"   "4406594"   "4865527"   "4907951"   "5088579"   "5377781"   "5733108"   "5785151"   "5795140"   "5803718"   "5884727"   "6171090"   "6182794").PN. OR ("6484846").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 09:41
S88	24	("1321478"   "2021633"   "2397124"   "2510549"   "2598476"   "3188054"   "3238000"   "3630316"   "3848702"   "4178135"   "4553857"   "5209650"   "5415476"   "5593297"   "5700092"   "5795140").PN. OR ("6457561").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 09:43
S89	11	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/28 10:33
S90	8	"5842420"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 16:01
S91	12	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/17 16:02
S92	218	((YASUSHI) near2 (HAYASHI)).INV.	EPO; JPO; DERWENT	OR	ON	2010/03/17 16:21
S93	23	S92 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 16:22
S94	7	"5992768"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 20:50
S95	13	"4729569"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/17 20:51
S96	8	"5842420"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/20 16:42
S97	13	("3068820"   "4236877"   "4568253"   "4901819"   "5228843").PN. OR ("5795140").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 16:51
S98	7	("3451615"   "3912044"   "4478559"   "4865527"   "5842420").PN. OR ("6702067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:01
S99	9	("3781135"   "4236874"   "4518323"   "4567815"   "4856366"   "5039285"   "5093285"   "5842420"   "6024548").PN. OR ("6976559").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:07
S100	12	("3646756"   "3674382"   "4236879"   "4762477"   "4865527"   "5088579").PN. OR ("5842420").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 17:09

S101	328	(annular or circular) near2 lubricat\$3 near3 groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/20 17:24
S102	112	S101 and oil and (compressor or pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/20 17:24
S103	7	("3451615"   "3912044"   "4478559"   "4865527"   "5842420").PN. OR ("6702067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 18:03
S104	5646	(inner adj rim) and (outer adj rim)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/21 08:57
S105	108	S104 and lubricat\$3 and (compressor or pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/21 08:57
S106	732	(184/6.17,6.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/07/21 09:08
S107	0	("23andcompressor").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/07/21 09:08
S108	255	S106 and compressor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/07/21 09:08
S109	16	("2996240"   "3049285").PN. OR ("3692435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/21 09:26

7/21/2010 1:04:19 PM

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